



Air Force Research Laboratory|AFRL

Science and Technology for Tomorrow's Air and Space Force

SUCCESS STORY

DR. JAMES R. GORD SELECTED AS AFRL FELLOW



The AFRL Fellows program annually recognizes and rewards AFRL's most outstanding scientists and engineers for their achievements and technical excellence that support the nation's air and space forces. The program also encourages further research and development by awarding each Fellow an annual grant of \$100,000 for 2 years, additional to his or her current budget.



Air Force Research Laboratory
Wright-Patterson AFB OH

Accomplishment

Dr. James R. Gord has distinguished himself as a world leader in the invention and application of advanced optical measurement techniques for the development and improvement of Department of Defense (DoD) weapons systems. He is a principal research chemist and the leader of the AFRL Propulsion Directorate's Combustion and Laser Diagnostic Research Complex. This facility is involved in the development and application of optical measurement techniques for the characterization and improvement of advanced propulsion and fuel systems.

To date, Dr. Gord has produced 5 patents; 56 peer-reviewed journals; and 345 conference papers and presentations, 50 of which he has delivered in person upon invitation. Dr. Gord's previous significant awards include the 2004 AFRL Scientific/Technical Achievement Award, the 2000 S. D. Heron Award for outstanding technical achievement, and the 1996 Ernest C. Simpson Award as a member of a team responsible for developing techniques associated with pressure-sensitive paint. He also received two Exemplary Civilian Service Awards.

Background

The AFRL Fellows program recognizes top scientists and engineers for exceptional contributions to technology. AFRL Fellows have expert scientific credentials, demonstrate leadership in managing Air Force research efforts, and are active participants in DoD research programs. The AFRL Fellows selection committee considers both military and civilian scientists and engineers. Eligible participants must have worked an AFRL assignment for the past 3 consecutive years and have completed at least 7 years of federal service.

Additional Information

To receive more information about this or other activities in the Air Force Research Laboratory, contact TECH CONNECT, AFRL/XPTC, (800) 203-6451 and you will be directed to the appropriate laboratory expert. (PR-S-05-21)

Propulsion
Awards and Recognition

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